

DP-304037

## ENHANCEMENT TO HORIZONTALLY STRUCTURED MANUFACTURING PROCESS MODELING

### ABSTRACT OF THE DISCLOSURE

Disclosed is a method of horizontally structured CAD/CAM manufacturing, comprising establishing a coordinate system and a master process model. Virtual machining of a virtual blank is modeled to facilitate establishing machining instructions to create an actual part.

5 The actual manufactured part is created by a method of horizontally structured CAD/CAM manufacturing including a blank into which one or more manufacturing features may be machined in accordance with a machining instruction. The manufacturing feature(s) exhibits an associative relationship with a coordinate system.

2014 RELEASE UNDER E.O. 14176